SBR NO - 111/16-17 Dt. 30-07-16

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265901

Serial No. 2nd and final Bill

BR-390/30-7/16

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ..... Sri. Jayaprakash. Contractor.

Date of commencement of work ..... Do. Recordy. 2 30/07/2016

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work- Improv to Roads and drains at Singapura village surrondig area in Ward no. 11 Kurumpuvager ; Vidyaraypura Sub-Division.						
	Estimated cost Rs. 25. Lakh.						
	NIB. No : 011-16-000020						
	Work order no : BE/BJP/BBMP/E-PMT/03(85230)/No/336/2015-16-Dt. 30.03.2016						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Date of commencement = 01-04-2016						
	Date of completion = 25/07/2016						
	(1) Earthwork excavation by manual means in ordinary soil including an average horizontal throw upto 2m and an average lift upto 0.300m, excavated surface levelled and sides neatly dressed, the disposal earth to be levelled neatly after breaking clods etc complete as per specifications and directions of Engineer-in-charge of work.						

M. A. R.
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Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	L
1	2	3	
		Qty	25
		It a	
	(2) Providing and laying in position of mix 1:4:8 with ope coarse and down size graded me 0.85 mm and fine aggregate Concrete laid in layers not e		

ntents	Reference to last Measurement
7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265902

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Obj vide this MB p. no 265971					
		Item no (1) = 227.22 m³ @ 75.00/m³					17041.50.
	(2) Providing and laying in position plain cement concrete of mix 1:4:8 with ope cement @ 180 kgs with 40mm and down size graded metal coarse aggregate @ 0.85 m³ and fine aggregate @ 0.57 m³, machine mixed concrete laid in layers not exceeding 15cms thick						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Well compacted, in foundation and plinth, including cost of all materials, labours, hire of machinery curing etc complete as per specifications and directions of Engineer-in-charge of the work.						
						Qty vide this mb. page 245973	
						Item ② = 214.444 m³ @ 4579/m³	981920.76
③	Providing and constructing granite/trap/ Basalt rize stone masonry with CM 1:8, 25 Edges of stones chisselled dressed in courses not less than 15cm						

M. A. R. 57 (
Measurem

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number	Leng
1	2	3	4
	high bund stones at cost of materials, labours, cum specifications and directions of the work. for. cp.	2m,	In E
		2×1	6
④	Providing flush pointing to uncoursed stone masonry		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265903

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	high band stones at 2m, in Each course including cost of materials, Labours, Conveyance complete as per specifications and directions of Engineer-in-Charge of the Work. for Co.	2nd	6.00	0.60	0.90	~~1.62~~ 6.48 cu.m @ 4430/m³	28706.00
(4)	Roughly flush pointing to square Rubble course, or uncoursed stone masonry with Cm 1:3, 20mm deep						

Reference to last Measurement 8

5973

981920.76

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	after Raking joints to depth of 20mm ready, lining including cost of materials, labours, curing complete as per specifications etc complete as per specifications and directions of Engineer-in-charge of work.						
		2×1	6.00	–	0.90	10.80 m² @ 80/m²	864.00
5)	Providing and laying in position plain cement concrete in 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregate @ 0.878 m³ and fine aggregate @ 0.459 m³, making						

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Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Mixed concrete land fin thick well compacted, in including costs of all materia curing etc complete as per Engineer-in-charge of work	1
(6)	Providing and removing, conte	

ntents	Reference to last Measurement
7	8
, lining	
mplete	
g' Casting	
10.80 m³	864.00
80/m³	
of mix	
d down	
e	
nading	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265904

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Mixed concrete laid in layers not exceeding 15cms thick well compacted, in floors, plinths and sills, including costs of all materials, labour, hire of machinery curing etc complete as per specifications & directions of Engineer-in-charge of work.						
		1	6.00	1.80	0.10	1.08 m³ @ 4958/m³	Rs. 5358.00
(6)	Providing and removing, centering, shuttering, strutting						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	propping etc and removal of form work for vertical surface such as walls of any thickness, including attached pilasters, buttresses, plinth and string course costing all material, labour etc complete as per specification and directions of Engineer-in-charge of work.						
	Qty vide this MB. p. 265974						
	Total = 7.194 m²						1991.00
	27 sq.m						
(7)	Providing and laying cement concrete using 20mm and down size granite jelly of Ready mixed concrete						

M. A. R.
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Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	(Rmc) for RCC works, laid in Well compacted vibrating, c necessary cement mortar, to with stand pumping of ce lifts all complete, R.mc m-2 Column footing; main and Complete as per specification Engineer-in-charge of the w	

Contents 7	Reference to last Measurement 8
vertical dy course er specifi ye of wor s. p.265974 94 sqm m/m² ing 20mm ed concrete	1991-92

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Measurement Book

No. B 265905

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(Rmc) For RCC Works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffolding to withstand pumping of concrete, with all leads and lifts all complete. Rmc M-20 (1:1:5:3) for Raft and Column footing; main and secondary Beams etc Complete as per specifications and directions of Engineer-in-charge of the work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	a) Singapura village 2nd Cross. Road (C.W.O. 100.20 mts)	1	30.00	$\frac{7.4+3.7}{2}$	0.125	20.81 Cu	
		1	30.00	$\frac{3.7+3.0}{2}$	0.125	12.56	
		1	3.00	2.90	0.125	1.09	
		1	30.00	$\frac{5.1+3.3}{2}$	0.125	16.69	
		1	7.20	3.30	0.125	2.97	
		1	30.00	$\frac{3.6+2.6}{2}$	0.125	13.13	
		1	30.00	$\frac{3.4+4.1}{2}$	0.125	14.06	
		1	33.30	$\frac{4.4+3.2}{2}$	0.125	23.52	
	c) - 2nd main, 3rd Cross	1	30.00	$\frac{3.8+4.3}{2}$	0.125	14.63	

Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	C/F measured 80 Cu.M	1
	d) Cross. Road	1
	e) for. CD. Deck slab	1

nts	Reference to last Measurement 8
81.43	
1	
3	
7	
3	
6	
52	
63	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265906

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc. of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	C/F	1	30.50	$\frac{4.3+4.3}{2}$	0.125	16.13	
		1	30.50	$\frac{4.3+6.1}{2}$	0.125	19.50	
		1	10.10	$\frac{6.1+6.1}{2}$	0.125	7.70	
		1	6.70	1.60	0.125	1.34	
		1	21.10	1.60	0.125	4.22	
	(d) Cross. Road	1	13.50	$\frac{5.9+5.9}{2}$	0.125	9.28	
	(e) for. CD.-Deck slab	1	6.50	1.62	0.23	2.23	
					Total	179.854	
					Add	179.834	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1.	2	3	4	5	6	7	8
					= 179.834 m³	5718/4³	10,28,288.-
(8)	Providing mild steel Reinforcement for RCC Work including straightening, cutting bending, hooking, placing in positions, lapping/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design, costing material, labours, tools & machinery complete as per specifications; specifications no BBS-4.6.3. Mild Bars-FE 500 Grade Complete as per						

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Serial No. .....
Name of Work ..... Fron
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	specifications & and direct the work.	
(9)	vacuum de-watering sys mat and compacting wi with floating disc, incl of machinery screed	

nts	Reference to last Measurement 8
y3	10,28,268.m

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265907

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	specification & and directions of Engineer-in-charge of the work.						
	Qty is deducted in MB. p. 265975						
	Item (4) + 0.22 m.g						
	e6325/sq						
(9)	vacuum de-watering with vacuum pump set including mat and compacting with Steel floater, rubbed with floating disc, including costing, generator running of machinery screed vibrating, power floater						13867.20

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	blade and disc ek complete upto specifications and directions of Engineer-in-charge of the work.						
	(a) Sringapura village 2nd CROSS-ROAD	1	30.00	$\frac{7.4+7.7}{2}$	-	166.50	
		1	30.00	$\frac{3.7+3.0}{2}$	-	100.50	
		1	3.00	2.90	-	8.70	
		1	30.00	$\frac{5.6+3.3}{2}$	-	133.50	
		1	7.20	3.30	-	23.76	
	(b) By the CROSS-ROAD Huliyar Temple Road	1	30.00	$\frac{3.6+3.4}{2}$	-	105.00	
		1	30.00	$\frac{3.4+4.1}{2}$	-	112.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	(c) 2nd main 3rd CROSS ROAD	1
		1
		1
		1
		1
		1
	(d) CROSS-ROAD	1
		1

tents	Reference to last Measurement
7	8
2nd	
304	
50	
0	
50	
764	
5.00	
50	

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Measurement Book

No. B 265908

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	33.30	$\frac{4.1+7.2}{2}$	-	188.15	
	(1) - 2nd main 3rd Cross Road	1	30.00	$\frac{3.5+4.3}{2}$	2	117.00	
		1	30.00	$\frac{4.3+4.3}{2}$	2	129.00	
		1	30.00	$\frac{4.3+6.1}{2}$	2	156.00	
		1	10.10	$\frac{6.1+6.1}{2}$	2	61.61	
		1	6.70	1.60	2	10.72	
		1	21.10	1.60	2	33.76	
	(2) CROSS-Road	1	13.50	$\frac{5.9+5.1}{2}$	-	74.25	
						1420.95	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Ltd to Schedule q/y : 1418.80 m²				
			@80/m² 113504.00				
(a)	Providing groove cutting for width of 5mm to 10mm and depth 8mm-10mm including costing cutting machine, generator and tools machinery including costing blade coolant etc including cleaning of groove and providing hot and hot bitumen fillers, coal filler-metals etc, including cost of conveyance of all materials, labours, lead and lift charges etc and all other incidental charges as per the drawing						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	and as per the specific	
	Complete as per spe	
	Engineer-in-charge	
	(a) 2nd CROSS,	
	(b) 4th CROSS	
	(c) 3rd CROSS, 2nd Main.	
	(d) CROSS-Road	

ontents	Reference to last Measurement
7	8
= 1418-80 m²	
80/m²	113504.00
10 m³	
ulthy	
y includ	
y grou	
, cut	
e of	
nets	
drain	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265909

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and as per the specification, Concrete pavement etc complete as per specifications and directions of Engineer-in-charge of the work.						
	(a) 2nd CROSS,	9 × 1	3.70	-	-	33.30 m²	
	(b) 4th CROSS	10 × 1	4.00	-	-	40.00	
	(c) 3rd CROSS, 2nd main.	11 × 1	4.30	-	-	47.30	
	(d) CROSS - ROAD	4 × 1	4.20	-	-	~~29.20~~ 16.80	
						137.40 m²	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Ltd to Schedule qty = 135.30 cum @ 105/cum.				14207.00
11)	Lead for Disposal of debris shall be payable at carriage rates by mechanical means including loading and unloading from 0.000 to 11.900 km etc complete as per specifications and directions of Engineer-in-charge of the work		qty as above = 227.22 cum				31347.20
			Ltd to = 160.00 cum @ 195.92/cum				

M. A. R
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Serial No. .....
Name of Work ..... From....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Certificate (1) Certified that the co satisfactorily. (2) The contractor Remov site. (3) There is no any dupl duplicate to Contrac	

tents	Reference to last Measurement
7	8
135	30wb
d.	14207.00
yable	
ract	
-	
y	
	~~14207.00~~ 31347.20

M. A. R. 57 (Rule 116)
Measurement Book

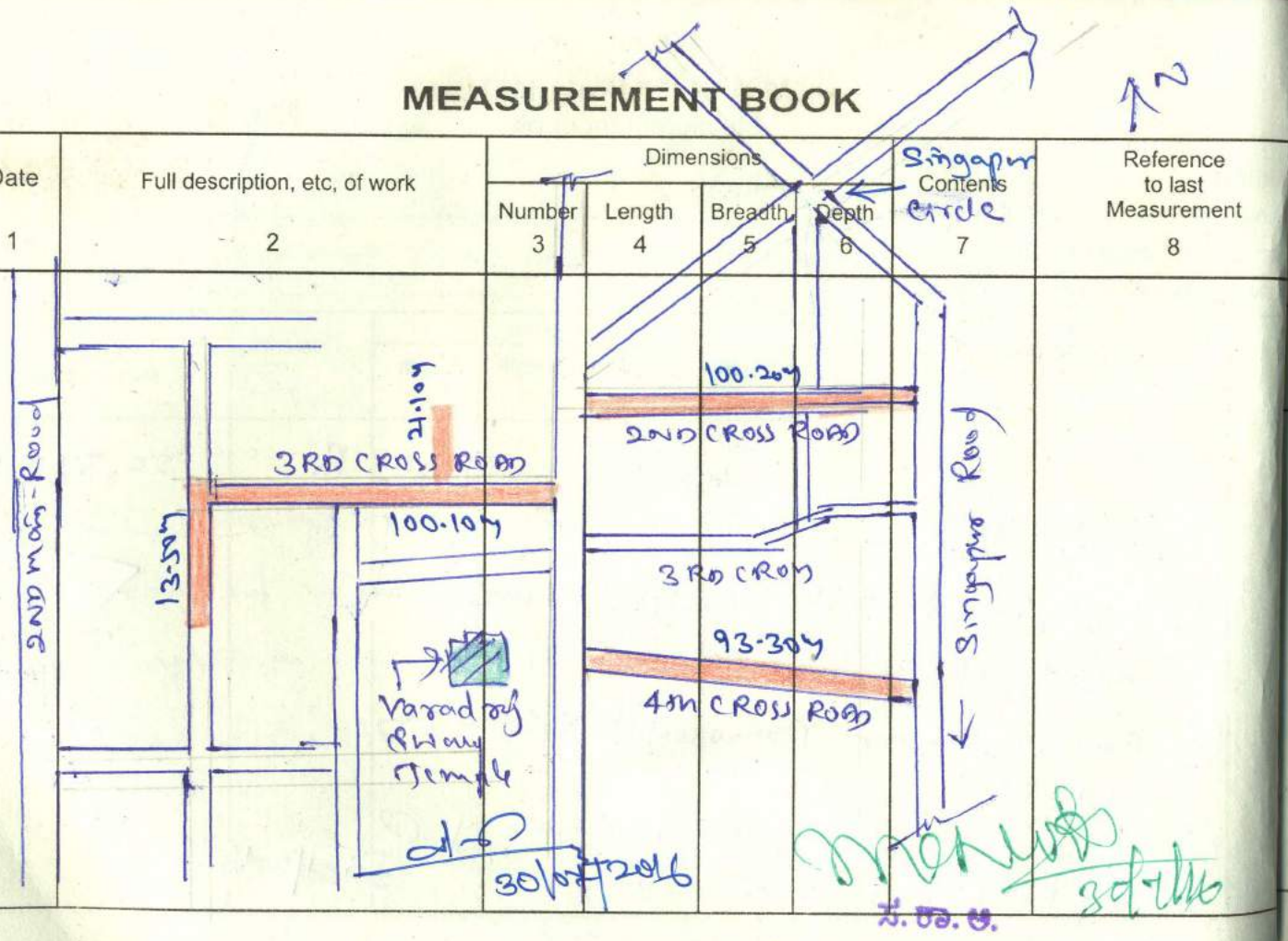
No. B 265910

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total-	Rs	22,37,072.27
	Certificate						
	(1) Certified that the contractor work done satisfactorily.						
	(2) The contractor Removed the debris from site.						
	(3) There is no any dupl. Materials supplied to contractor						
							30/07/2016

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions					Reference to last Measurement
		Number	Length	Breadth	Depth	Contents	
1	2	3	4	5	6	7	8



M. A. R
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Serial No. .....

Name of Work ..... From.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3

Audited & Admitted to Rs
2237070-00
2074299-00
and Rs 162771-00
Accts Stood
Byatarayanapura Dn Byata
Bbmr

Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

265911

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Audited & Admitted to Rs 2237070-00 2074299-00 and Rs 162771-00 Accts Stood Byatarayanapura Dn Byata ... Dn Bbmr ... 4/11/16					IT - 22371-00 VAT - 89483-00 LWF - 2237-00 CST - 2238-00 LD - 25805-00 PTAX 503-00 Total - 162737-00	

30-2-16